Orbit of Halley's Comet.

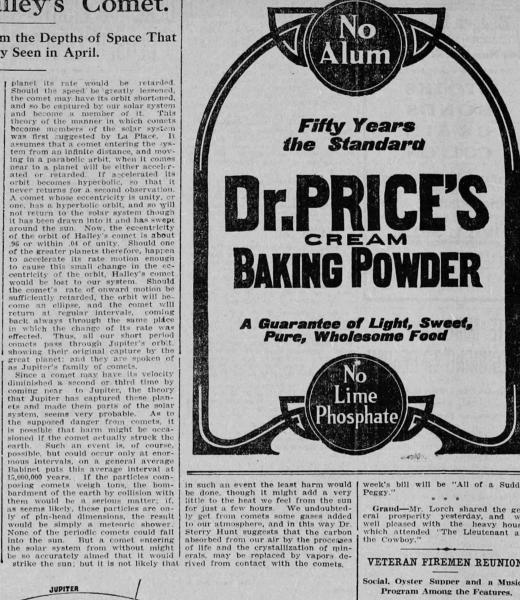
Mysterious Wanderer From the Depths of Space That Will be Clearly Seen in April.

Prof. Gibson of the University of Utah, The News is enabled to present the following condensed account of comets. The diagrams of the orbit of Halley's comet are from the January number of "Popular As-

The accompanying figure indicates the progressive stages of the comet in its course around the sun. It will be seen that the comet will reach perthe progressive stages of the comet in its course around the sun. It will be seen that the comet will reach perihelion or its point nearest the sun at the beginning of its return journey on or about the 20th of April. The tail of the comet, for some reason not intrely clear, always points away from the sun. The position of the earth on April 20th, with reference to the sun and the comet is shown by the small cross at E on the line of the earth's orbit. The approximate position of the comet on that date is shown by the cross at C. On or about April 20, the view of the comet at its perihelion promises to be a good one, and may amount to a phenomenon of rare size and splendor in the heavens. The tail of Halley's comet has been known to reach over 50 degrees or over one quarter of the way across the visible firmament, or more exactly, 5-9 of the distance from the horizon to the zenith. This was in 1759. There is reason to believe that the coming appearance, just before sunrise in April will be one of rare beauty and interest.

According to Prof, Young of Princetion, a comet, according to present views, consists of "a swarm of solid particle carrying with it an envelope of gas, largely hydrocarbon, in which gas light is produced, either by electric discharges between the particles or by some other light-evolving action due to the sun's influence."

Halley's comet was the first whose periodic return was successfully predicted. The comet returns to our sun about every 75 years, and would return in exactly that time but for what is called the perturbing influence of the planets. This means that the attractive force exerted by the planets either hystens or retards the return. Thus if it came near to a planet while approaching the sun, its rate would be at first accelerated by the attraction of the planet, but after passing the



week's bill will be "All of a Sudden

Grand—Mr. Lorch shared the general prosperity yesterday, and was well pleased with the heavy houses which attended "The Lleutenant and the Cowboy."

VETERAN FIREMEN REUNION.

Social, Oyster Supper and a Musical Program Among the Features.

It was 10 years ago, Feb. 22, that the Veteran Volunteer Firemen's association moved into its pleasant, two-story hall on Canyon road, and the even was signalized Tuesday afternoon and evening, by a social, an oyster supper evening, by a social, an oyster supper and a musical program afterwards, followed by speaking. There were over 60 persons present, including the oldest veterans of the old volunteer days which ended in 1833, when the paid department first went into commission. A generous spread was served on two long tables at 6 p. m., in the engine room on the ground floor, where the ladies' auxiliary of the association saw to it that no hungry veteran or guest escaped, and they didn't. There were oysters galore, in stew and raw, with the most toothsome ham, apple salad, and numerous other palatable edibles. The musical program included tenor solos by Miss Irene Kelly and Mrs. R. C. Wiley, a French horn solo from R. J. Jessup, impromptu character songs by Mrs. H. P. Burns, a cute recitation by Master Melville Simpson, and numbers from the Taufer trio—piano, violin and cornet. Miss Kelly proved to be a host in herself, playing five piano accompaniments for other performers, and two accompaniments for her own two songs. Didn't seem to tire her in the least.

The speakers were Chief G. M. Ottinger, Rube Simpson, J. W. Snell and D. L. Halliday. Chief Ottinger gave an entertaining narrative of the Volunteers who went into commission 57 years ago. They served for 30 years with marked credit, and organized the Veterans' association in 1890, making and a musical program afterwards, fol-

the organization just 20 years old Mr. Simpson is still with the fire service, being the engineer of No. 1 steamer. He referred to his long term of service, and spoke eulogistically of Chief Glore who "treated the boys like white men," and was respected by them all. Mr. Snell's remarks were strong in the line of reminiscence, and Mr. Halliday paid a well deserved tribute to the work of the volunteers, who were never paid for their efforts—not even remunerated for the clothing they spolled in extinguishing fires. A pathetic feature was reading of the mortuary roll of 111 deceased firemen by Mr. Simpson. The committee evening was most pleasantly spent.

The committee having charge of the

spent.

The committee having charge of the celebration consisted of the following: R. Simpson, W. Cardwell, J. Peacock, H. Taufer, H. E. Cottle, W. Odd and L. Simpson, It was assisted by the following ladies; Mrs. W. Odd, Mrs. W. Cardwell, Mrs. L. Simpson, Mrs. J. W. Snell, Mrs. H. P. Burns, Mrs. H. Taufer and Miss Jennie Knight.

FOR A "SANE FOURTH."

In the Midst of Winter's Chill Blasts Preparations Are Begun.

Dr. S. G. Paul, city health commis Tuesday, agitating a sane and safe Fourth of July, from the Society for the Suppression of Unnecessary Noise the Suppression of Unnecessary Noise.
Mrs. Isaac L. Rice of New York, president of the society, sent Dr. Paul a
personal letter in which she asks him
for his personal opinion about the matter. In speaking of the matter Dr. Paul

said that he was in favor of the move-ment. His experience as police surgeon at the emergency hospital where scores of cases have been treated shows that some decided steps ought to be taken, he says, to avoid accidents in the fu-ture.

RED HAIR BETRAYED HIM.

Police Pick Up Earl McCrear, Wanted

Earl McCrear, wanted in Laramie Wyo., for forgery, was arested Tues-day night at Fourth South and State streets by Detectives Wilson and Rip-

rival of Sheriff W W. Bower from Laramie. The sheriff sent Chief Barlow a description of McCrear and the latter's mop of red hair is what attracted the detectives.

"Say, you could see that red hair two blocks away," said Detective Ripley. "It loomed up like a headlight and the moment we saw it we knew he was the man wanted in Wyoming." It is alleged that McCrear forged checks to the amount of about \$100.

Many sufferers from nasal catarrh say they get spiendid results by using an atomizer. For their benefit we prepare Ely's Lquid Cream Balm. Except that it is liquid it is in all respects like the healing, helpful, pain-aliaying Cream Balm that the public has been familiar with for years. No cocaine nor other dangerous drug in it. The soothing spray is a remedy that relieves at once. All druggists, 75c., including spraying tube, or malled by Ely Bros., 56 Warren Street, New York.

Continuation of the Sale of

Spring Shoes

and Oxfords

\$3.45—For Wright & Peters' \$5, \$6 and \$7

shoes. Over 50 styles of \$3.50 and \$4.00

\$1.95 — Women's shoes that are worth \$4

Bous' Misses'

and Children's

School Shoes

\$1.45-Misses' shoes.

\$2.65 -

and \$5.

\$2.25-Boys' high cut boots that sold for \$3.50 to

\$1.00-Indian moccasins for men, boys, women and

Men's Shoes and Oxfords \$3.95—For \$5.00 qualities. We carry all sizes, 5 to 11, and widths AA to EE. \$3.45-Women's oxfords, a great many styles of new

\$3.45-Women's dress slippers and pumps, worth \$4,

We pride ourselves on their wearing qualities-\$1.95

Boys' Shoes

\$1.95-Misses' and children's school shoes.

- Women's

KEITH-OBRIEN

Morning, noon and night. All the time.

HEWLETT'S

TEAS ARE AL-WAYS GOOD



Milled under conditions of absolute cleanliness, By Queen of the Valley Flour Mill. 3rd West, 8th South St.
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Outfitters Exclusivel EXCLUSIVE

Tailor Made Suits, Coats, Gowns, Evening Wraps.

At Moderate Prices.

The Weather Man Says Another Week of Snow and Cold.

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e Bouzeko ENHA CONTROL VERS
DESIGNATIVE EN SERS
ELECTROTYPERS SAIR LANG CITY

POSITIONS OF HATTEY'S COMET WITH REFERENCE TO THE PLANETS 1909-10

University Sangerfest Proves

The state university students enoyed a real treat Tuesday evening, in the assembly room, with a musical program which included performances by the University Mandolin club, the University Glee club, the university Glee club, the university Glee club, the university Glee club, the medical and other students, the nedical responding to the impromptue loast, "Blood and Thunder, Bones and Gore, U. of U. Medics Take the Floor." The young sawbones prefaced their aking the floor with a roar that pretynear wrecked the building, and then introduced a number of original songs that worked coff all sorts of index on the complex of the Orpheus club. joyed a real treat Tuesday evening, in the assembly room, with a musical in the assembly room, with a musical program which included performances by the University Mandolin club, the Orpheus club, the University Glee club, the medical and other students, the medica responding to the impromptu toast, "Blood and Thunder, Bones and Gore, U. of U. Medics Take the Floor." The young sawbones prefaced their taking the floor with a roar that pretty near wrecked the building, and the introduced a number of original songs introduced a number of original songs that worked off all sorts of jokes on the faculty, including the professor of chemistry, Dr. Ebaugh, who founded

BACKACHE

To Lydia E. Pinkham's Vegetable Compound

Bloomdale, Ohio.—"I suffered from errible headaches, pains in my back and right side, and was tired all the time and nervous. I could not sleep, and every month I could hardly stand the pain. Lydia E. Pinkham's Vegetable Compound restored me to health again and made me feel like a new woman. I hope this letter will induce othis valuable medicine."—Mrs. E. M. FREDERICK, Bloomdale, Ohio.

Backache is a symptom of female

FREDERICK, Bloomdale, Ohio.

Backache is a symptom of female weakness or derangement. If you have backache don't neglect it. To get permanent relief you must reach the root of the trouble. Nothing we know of will do this so safely and surely as Lydia E. Pinkham's Vegetable Compound. Cure the cause of these distressing aches and pains and you will become well and strong.

The great volume of unsolicited testimony constantly pouring in proves conclusively that Lydia E. Pinkham's Vegetable Compound, made from roots and herbs, has restored health to thousands of women.

If you have the slightest doubt that Lydia E. Pinkham's Vegetable Compound will help you, write to Mrs. Pinkham at Lynn, Mass., for advice. Your letter will be absolutely confidential, and the advice free.

A Most Diverting Occasion

The members of the Orpheus club especially considered this one of the most beautiful illustrations of concert recitals they had ever had the pleasure of listening to.

recitals they had ever had the pleasure of listening to.

The disciples of Aesculapius were followed by the freshmen, who introduced an original "stunt" in a song modeled after "Miss Josephine," in which the venerable professor of chemistry was, what might be called, "set to music," in which the tempo was described as "Typical Methods of Gravimetric and Volumetric Quantitative Analysis, with the Kinetic Theory of Gases as a side dish." The sophomores came in a very good third with their little "stunts" and "give-aways" on the faculty, particularly Profs. Lyman, Knolton, Pack and Ebaugh. The latter professor seemed to "catch it all 'round," appearing on the sophomore program as "a carbonate of calcium precipitate," the "floctulent essence of alumina hydrate," "the latest form of crystallization of accto-arsenate of soda," "the last litharge burning," and other real nice things.

The juniors, in their section of the program "discoursed sweet music," a special feature being a high somrand.

things.

The juniors, in their section of the program "discoursed sweet music," a special feature being a high soprano solo by Claude Cornwall, a slumber song entitled "The Historical Development of Fourfold Counterpoint, in Polyphonic and Two-Part Invention." This was "deservedly well received," as was the speciacuiar effort of "The German Circle" in its "Schweitzerkase on the Rhine," "Dot Leedle Jarman Band," "Love in a Wienerwurst," "Cupid in a Beermug," and other choice Teutonic selections. The audience had then occasion to vote the seniors "strictly up to date." They made warm love in song to Miss Van Cott, who, as prima donna of the university lunch counter, had handed out generous bunches of custard ple, water cresses, cream tart and taffy to the seniors, for which the latter voted that "her serene highness was strictly on to her job."

The university Glee and Orpheus clubs wound up the evening's ball of yarn with several rib-tickling numbers, the Orpheans (not Orphans) closing with "The Viking Song," descriptive of how Eric the Red and his comrades were stranded up Taunton river, and carved their cards on "The Dighton Rock."

There was a pleasant annex to the

carved their cards on "The Dighton Rock."

There was a pleasant annex to the occasion in the serving of cider and doughnuts, the professor of chemistry assuring all present that there was no molybdinate of potash or peroxide of mercury in the cider, and Miss Van Cott calming all fears as to any possibility of there being any army buttons or silk umbrellas secluded in the doughnuts. As the happy conglomeration adjourned, a snake dance was indulged in

that would have paralyzed a Berks county, Pa., snake doctor, with Profs. Williams and Ebaugh "riding the goat" on the shoulders of the wild and woolly undergraduates. It was one of the most successful functions ever pulled off at the U. of U.

AMUSEMENTS

Washington's birthday is proverbially one of the best theatrical dates of the year, and most of the Salt Lake houses yesterday were crowded at both matinee and night performances; at several many people were turned away.

Theater-"The Alaskan" went beevening, and will continue tonight and

Schumann-Heink-The long awaited concert by this noted singer will take place at the theater on the evening of March 1. Manager Pyper has decided to open the advance sale con-



MADAM SCHUMANN-HEINK.

siderably earlier than usual, and the box office plan will be on exhibition to-morrow. Prices will range from 75c to \$2.50, so that every one who loves the best in music may have a chance to attend. . . .

Orpheum—Two audiences that com-pletely filled the house celebrated Washington's birthday at the Orpheum where a bill is being presented that has been firmly established as a fa-vorite.

Colonial—This house has been dark all the week, but will reopen next week, the attraction being the popu-lar actor Max Figman, in "Mary Jones' Pa," the play originally written for Harry Dixey.

Mission—The latest presentation of the popular acts of the week will be seen tonight, to be followed by a com-plete change tomorrow afternoon.

spring oxfords.

\$5.00 and \$6.00.

Salt Lakes Value Giving Store Thursday The Big Shopping Day

Monday and Wednesday the Department was crowded to its utmost and Thursday will be the BANNER DAY. HUNDREDS OF BEAUTIFUL GARMENTS CORSET COVERS, DRAWERS, COMBINATION SUITS, CHEMISE. Petticoats and Gowns will be added to the already vast assortment making the assortment as complete as the first day of the sale. We invite your inspection to this magnificent display of the greatest values that we have ever offered.

NEW SPRING SUITS, \$12.95

EXTRAORDINARY SPECIAL VALUES.

Strictly tailored, the Cost the new 1910 36-inch length full satin lined skirt, the new pleated model, the materials are the all wool serges andfancy weaves in the stripe effect. A good range of sizes—All the newest colorings as well as black.

SHIRT WAIST AT \$1.95

REGULAR \$2.50, \$2.75 \$3.00 WAISTS.

Materials are the linen, pique, madras and lingerie. Broken lines and discontinued numbers, but all strictly first class in fit and style. A varie dassortment of styles to choose from. All sizes.

ONE LOT OF WAISTS AT 98c

In a varied assortment of styles and materials, mohair, nuns veiling, sateen, madras, in light and dark colors, values up to \$2.00 Thursday at the above quoted price.

A DRESS AT \$2.75

Made of the striped and checked washable gingham in the princess effect lace yoke. Skirt the pleated model and extra full, a good assortment of light and dark colors—All sizes represented. Very desirable for a house dress.

Last of the COAT Season, \$4.95

Thursday will give you a coat in black or gray that sold up to \$22.50. If you want one of these come early. Just 25 coats in all sizes

25 CHILDREN'S COATS, \$1.49

Made of the all silk velvet. Ages from 2 up to 4 years. Colors are navy, black, rose